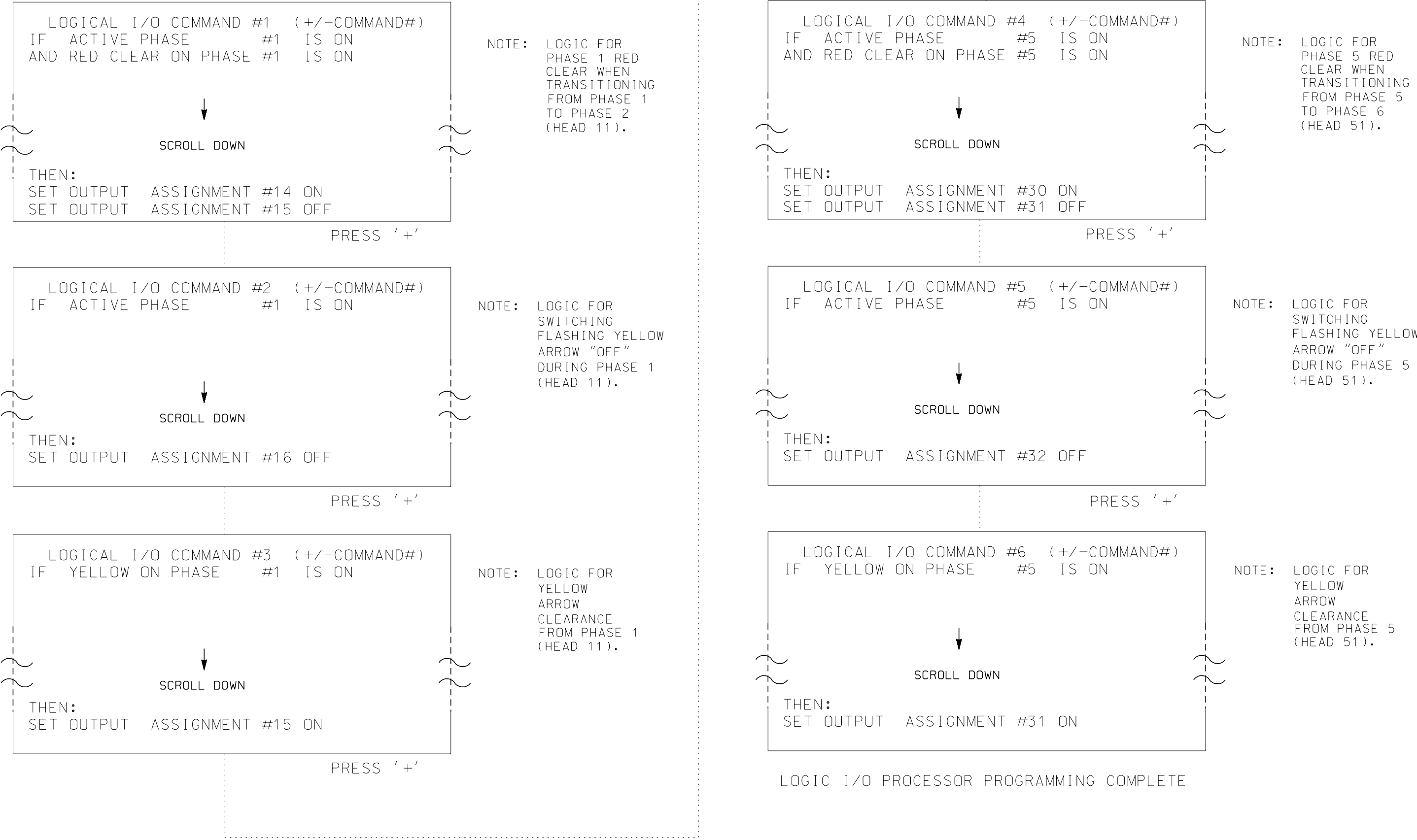


LOGICAL I/O PROCESSOR PROGRAMMING DETAIL
TO PRODUCE SPECIAL FYA-PPLT SIGNAL SEQUENCE

(Verify controller is programmed as shown below)

1. FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN '1' (PHASE CONTROL FUNCTIONS). SCROLL TO THE BOTTOM OF THE MENU AND ENABLE ACT LOGIC COMMANDS 1, 2, 3, 4, 5 AND 6.
2. FROM MAIN MENU PRESS '6' (OUTPUTS), THEN '3' (LOGICAL I/O PROCESSOR).



OUTPUT REFERENCE SCHEDULE

OUTPUT 14 = Overlap A Red
OUTPUT 15 = Overlap A Yellow
OUTPUT 16 = Overlap A Green
OUTPUT 30 = Overlap C Red
OUTPUT 31 = Overlap C Yellow
OUTPUT 32 = Overlap C Green
OUTPUT 33 = Phase 1 Green
OUTPUT 34 = Phase 5 Green

Note: All outputs shown above have been remapped.
See sheets 3 and 4 of this electrical detail.

OVERLAP PROGRAMMING DETAIL

(Verify and update controller to be programmed as shown below)

FROM MAIN MENU PRESS '8' (OVERLAPS), THEN '1' (VEHICLE OVERLAP SETTINGS).

PAGE 1: VEHICLE OVERLAP 'A' SETTINGS
PHASE: 12345678910111213141516
VEH OVL PARENTS: XX
VEH OVL NOT VEH:
VEH OVL NOT PED:
VEH OVL GRN EXT:
STARTUP COLOR: _ RED _ YELLOW _ GREEN
FLASH COLORS: _ RED _ YELLOW X GREEN
SELECT VEHICLE OVERLAP OPTIONS: (Y/N)
FLASH YELLOW IN CONTROLLER FLASH?...N
GREEN EXTENSION (0-255 SEC).....0
YELLOW CLEAR (0=PARENT,3-25.5 SEC)..0.0
RED CLEAR (0=PARENT,0.1-25.5 SEC)...0.0
OUTPUT AS PHASE # (0=NONE, 1-16)....0

PRESS '+' TWICE

PAGE 1: VEHICLE OVERLAP 'C' SETTINGS
PHASE: 12345678910111213141516
VEH OVL PARENTS: XX
VEH OVL NOT VEH:
VEH OVL NOT PED:
VEH OVL GRN EXT:
STARTUP COLOR: _ RED _ YELLOW _ GREEN
FLASH COLORS: _ RED _ YELLOW X GREEN
SELECT VEHICLE OVERLAP OPTIONS: (Y/N)
FLASH YELLOW IN CONTROLLER FLASH?...N
GREEN EXTENSION (0-255 SEC).....0
YELLOW CLEAR (0=PARENT,3-25.5 SEC)..0.0
RED CLEAR (0=PARENT,0.1-25.5 SEC)...0.0
OUTPUT AS PHASE # (0=NONE, 1-16)....0

OVERLAP PROGRAMMING COMPLETE

← NOTICE GREEN FLASH

← NOTICE NO YELLOW IN CONTROLLER FLASH

← NOTICE GREEN FLASH

← NOTICE NO YELLOW IN CONTROLLER FLASH

CONTROLLER FLASH PROGRAMMING DETAIL

(program controller as shown below)

FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN PRESS '1' (PHASE CONTROL FUNCTIONS) TO GET TO PHASE CONTROL SET PAGE '1'

PHASE CONTROL SET: PAGE 1 (NEXT: PAGES)
PHASE # 12345678910111213141516
PERMITTED I XXXXXXXX
FLASH ENTRY I X X
YELLOW FLASH I
WAG PHASES I X X X X
WAG OVERLAPS I X
MANUAL CONTROL I XXXXXXXXX

Note: Yellow Flash disabled for all phases.

TRANSITION OUT OF RED-RED FLASH SEQUENCE PROGRAMMING DETAIL

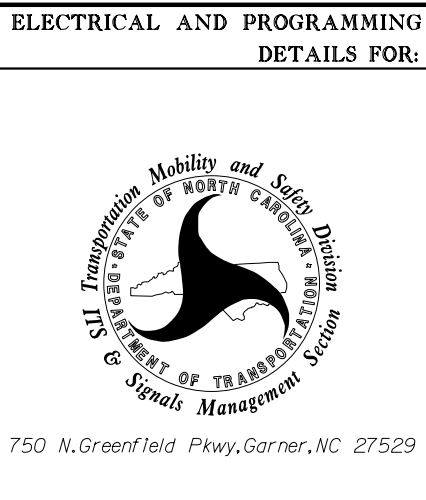
(program controller as shown below)

FROM MAIN MENU PRESS '2' (PHASE CONTROL), THEN PRESS '1' (PHASE CONTROL FUNCTIONS) TO GET TO PHASE CONTROL SET PAGE '1'

PHASE CONTROL SET: PAGE 1 (NEXT: PAGES)
PHASE # 12345678910111213141516
PERMITTED I XXXXXXXX
PED RED CLEAR I
STARTUP IN GREEN I
STARTUP IN YEL I
STARTUP RED CLR I
FIRST PHASES I X X

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 14-0694T1
DESIGNED: Aug 2025
SEALED: 8/26/2025
REVISED: N/A

Electrical Detail - Sheet 2 of 4
Temporary Design 1 - TMP Ph1, S1



NC 107 (E. Main Street) at SR 1352 (Walter Ashe Road) / SR 1449 (Cope Creek Road)	
Division 14	Jackson County Sylva
PLAN DATE: August 2025	REVIEWED BY: ZM Esposito
PREPARED BY: F Vazquez	REVIEWED BY: BN Groome
REVISIONS	INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
SEAL	
	
Signed by: Brittany Groome	8/26/2025
DATE	
SIG. INVENTORY NO.	14-0694T1